

# TPM-960 Panel meter user manual

## 1. Product General

With simple and elegant appearance, TPM-960 can be applied to all the equipments needing temperature measure, such as refrigerated cabinet and display cabinet and so on.

## 2. Specification

Mounting size: 65.5 mm×19mm      Product size: 70 mm×23.5 mm×34.2mm

## 3. Technical parameter

- 1) Measuring range : -50°C ~ 99°C ;
- 2) Temperature resolution : 1°C ;
- 3) Temperature accuracy : -40°C ~ 50°C , ±1°C ; 51°C ~ 70°C , ±2°C ; others, ±3°C ;
- 4) Power voltage: 220±10%(VAC)、50/60Hz ;
- 5) Power consumption : <3W ;
- 6) Ambient temperature: 0°C ~ 55°C
- 7) Storage condition temperature: -25°C ~ 75°C
- 8) Relative humidity: 20%~85%(non condensing)

## 4. Function Description

### 1) Work status settings

temperature sensor calibration °C	-5	-4	-3	-2	-1	0 (default)	1	2	3	4	5
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mode (S2)	
Integer/decimal	Integer
Celsius/Fahrenheit selection	Celsius
Refresh time when the temperature decreases(S)	3
Refresh time when the temperature rises (S)	3
Temperature display lower limit	-50
Temperature display upper limit	99

Note: After the product is delivered from factory, the temperature calibration value and the operating mode can not be changed.

### 2) Model Description:

If measuring temperature is lower than temperature display lower limit, the display shows the temperature display lower limit; If measuring temperature is higher than temperature display upper limit, the display shows the temperature display upper limit;

When the temperature changes, it's will refresh temperature in different refresh time according to the change trend of the temperature. For integer mode, the display will increase one unit each time until it reaches to the final temperature.(For example, change from 23°C to 26°C, the display will change as below: 23,24,25,26)  
Screen blinkingly displays "EE" when sensor error;

## Notice:

- ◆Please distinguish the wiring terminal of N and L, and connect them correctly.
- ◆Interfaces of sensor and power should be distinguished from one another, or the unit may be destroyed.
- ◆Prohibit to do any operation when power on. Please consult our sales engineer if need to measure the temperature of conductive liquid.